

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/14843

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl' G02B 1/10, G02B5/02, B32B7/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl' G02B 1/10, G02B5/02, B32B7/02Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Japanese Utility Model Gazette 1926-1996, Japanese Publication of Unexamined Utility Model Applications 1971-2001, Japanese Registered Utility Model Gazette 1994-2001, Japanese Gazette Containing the Utility Model 1996-2001

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2001-281410 A (FUJI PHOTO FILM CO., LTD) 2001.10.10, the whole document	1-20
Y	US 2002/0034013 A1 (Kazuhiro Nakamura) 2002.03.21, the whole document & JP 2002-40204 A	1-20
Y	US 2001/0035929 A1 (Kazuhiro Nakamura) 2001.11.01, all claims & JP 2001-281411 A	1-20
Y	US 2002/0085284 A1 (Kazuhiro Nakamura) 2002.07.04, the whole document & JP 2002-202402 A	1-20

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

22.12.03

Date of mailing of the international search report

20.1.2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y ✓	JP 2002-82207 A(FUJI PHOTO FILM CO., LTD) 2002.03.22, paragraphs [0038] - [0040] (Family:none)	1-20
Y ✓	JP 2002-82206 A(TOPPAN INSATSU CO., LTD) 2002.03.22, paragraphs [0033] (Family:none)	1-20
A	JP 2001-74936 A(KONICA CO., LTD) 2001.03.23, the whole document (Family:none)	1-20
A	JP 11-305007 A(TOMOEGAWA SEISHIJO CO., LTD) 1999.11.05, the whole document (Family:none)	1-20